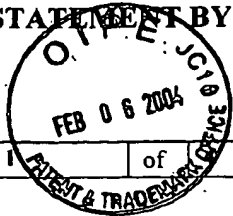


Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT



## Complete if Known

Application Number	10/675,118
Filing Date	September 30, 2003
Confirmation No.	6052
First Inventor	Mamdouh M. SALAMA
Group Art Unit	1772
Examiner Name	To Be Assigned <i>Mark R. Henderson</i>
Attorney Docket No.	18326/04901

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
<i>M.P.</i>	(1)	4,634,314	<i>A</i>	Pierce	01/06/87	405	195	<i>6/26/84</i>
<i>M.P.</i>	(2)	4,875,717	<i>A</i>	Policelli	10/24/89	285	149	<i>2/17/87</i>
<i>M.P.</i>	(3)	5,062,914	<i>A</i>	Fuchs et al	11/05/91	156	172	<i>12/20/89</i>
<i>M.P.</i>	(4)	6,042,152	<i>A</i>	Baldwin et al	03/28/00	285	55	<i>10/11/97</i>
<i>M.P.</i>	(5)	2,661,225	<i>A</i>	Lyon	12/01/53	285	84	<i>6/14/56</i>
<i>M.P.</i>	(6)	2,750,210	<i>A</i>	Trogdon et al	06/12/56	285	77	<i>12/17/52</i>
<i>M.P.</i>	(7)	2,973,975	<i>A</i>	Ramberg et al	03/07/61	285	149	<i>10/7/57</i>
<i>M.P.</i>	(8)	3,119,415	<i>A</i>	Galloway et al	01/28/64	138	103	<i>3/9/62</i>
<i>M.P.</i>	(9)	3,189,370	<i>A</i>	Marshall	06/15/65	285	27	<i>7/13/62</i>
<i>M.P.</i>	(10)	3,347,571	<i>A</i>	New	10/17/67	285	149	<i>4/16/61</i>
<i>M.P.</i>	(11)	3,423,109	<i>A</i>	New et al	01/21/69	285	149	<i>3/30/66</i>
<i>M.P.</i>	(12)	3,529,853	<i>A</i>	Triest et al	09/22/70	285	149	<i>8/20/69</i>
<i>M.P.</i>	(13)	3,537,484	<i>A</i>	McLarty	11/03/70	138	109	<i>11/23/68</i>
<i>M.P.</i>	(14)	3,538,238	<i>A</i>	Delacour et al	11/03/70	174	47	<i>11/23/68</i>
<i>M.P.</i>	(15)	3,768,269	<i>A</i>	Broussard et al	10/30/73	61	72.3	<i>4/7/72</i>
<i>M.P.</i>	(16)	3,768,842	<i>A</i>	Ahlstone	10/30/73	285	55	<i>8/1/71</i>
<i>M.P.</i>	(17)	3,992,240	<i>A</i>	Kuehn, Jr.	11/16/76	156	250	<i>5/19/75</i>
<i>M.P.</i>	(18)	4,023,835	<i>A</i>	Ewing et al	05/17/77	285	235	<i>5/12/75</i>
<i>M.P.</i>	(19)	4,116,009	<i>A</i>	Daubin	09/26/78	114	264	<i>8/24/76</i>
<i>M.P.</i>	(20)	4,187,135	<i>A</i>	Yates et al	02/05/80	156	187	<i>3/27/78</i>
<i>M.P.</i>	(21)	4,192,351	<i>A</i>	Henry	03/11/80	138	126	<i>5/8/78</i>
<i>M.P.</i>	(22)	4,231,436	<i>A</i>	Waller	11/04/80	176	7	<i>2/21/78</i>
<i>M.P.</i>	(23)	4,236,386	<i>A</i>	Yates et al	12/02/80	64	1 S	<i>3/28/79</i>
<i>M.P.</i>	(24)	4,259,382	<i>A</i>	Schwan	03/31/81	428	36	<i>5/29/79</i>
<i>M.P.</i>	(25)	4,265,951	<i>A</i>	Yates et al	05/05/81	428	36	<i>7/24/79</i>
<i>M.P.</i>	(26)	4,279,275	<i>A</i>	Stanwood et al	07/21/81	138	109	<i>8/6/79</i>
<i>M.P.</i>	(27)	4,290,836	<i>A</i>	McPherson et al	09/22/81	156	171	<i>4/7/80</i>
<i>M.P.</i>	(28)	4,332,509	<i>A</i>	Reynard et al	06/01/82	405	168	<i>6/10/80</i>
<i>M.P.</i>	(29)	4,589,801	<i>A</i>	Salama	05/20/86	405	224	<i>7/14/84</i>
<i>M.P.</i>	(30)	4,614,372	<i>A</i>	Gschwind	09/30/86	285	356	<i>4/12/85</i>
<i>M.P.</i>	(31)	4,647,078	<i>A</i>	Lundy	03/03/87	285	149	<i>12/19/85</i>
<i>M.P.</i>	(32)	4,664,644	<i>A</i>	Kumata et al	05/12/87	464	180	<i>10/28/85</i>
<i>M.P.</i>	(33)	4,701,231	<i>A</i>	Peters et al	10/20/87	156	172	<i>5/15/86</i>
<i>M.P.</i>	(34)	4,728,224	<i>A</i>	Salama et al	03/01/88	405	195	<i>4/24/86</i>
<i>M.P.</i>	(35)	4,810,010	<i>A</i>	Jones	03/07/89	285	55	<i>2/18/86</i>
<i>M.P.</i>	(36)	4,821,804	<i>A</i>	Pierce	04/18/89	166	367	<i>4/26/88</i>
<i>M.P.</i>	(37)	4,830,409	<i>A</i>	Freeman	05/16/89	285	104	<i>8/14/87</i>
<i>M.P.</i>	(38)	4,865,356	<i>A</i>	Moore et al	09/12/89	285	55	<i>4/25/88</i>
<i>M.P.</i>	(39)	4,968,545	<i>A</i>	Fellman et al	11/06/90	428	36.1	<i>11/2/87</i>
<i>M.P.</i>	(40)	5,086,651	<i>A</i>	Westermo et al	02/11/92	73	763	<i>3/13/90</i>

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT



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of

## Complete If Known

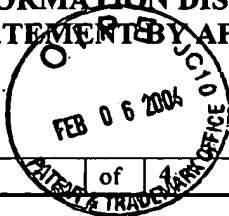
Application Number	10/675,118
Filing Date	September 30, 2003
Confirmation No.	6052
First Inventor	Mamdouh M. SALAMA
Group Art Unit	1772
Examiner Name	To Be Assigned Name Pending
Attorney Docket No.	18326/04901

## U.S. PATENT DOCUMENTS CONT'D

Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
M.P.	(41)	5,097,870	A	Williams	03/24/92	138	115	3/15/90
M.P.	(42)	5,200,012	A	Blavignac et al	04/06/93	156	169	12/11/90
M.P.	(43)	5,230,661	A	Schreiber et al	07/27/93	464	181	4/3/03
M.P.	(44)	5,233,737	A	Policelli	08/10/93	285	390	10/25/91
M.P.	(45)	5,234,058	A	Sas-Jaworsky et al	08/10/93	166	385	12/9/91
M.P.	(46)	5,285,008	A	Sas-Jaworsky et al	02/08/94	174	47	12/9/91
M.P.	(47)	5,288,109	A	Auberon et al	02/22/94	285	149	4/21/92
M.P.	(48)	5,309,620	A	Shinohara et al	05/10/94	29	432	4/29/92
M.P.	(49)	5,318,374	A	Rumberger	06/07/94	403	277	9/23/92
M.P.	(50)	5,330,236	A	Peterjohn et al	07/19/94	285	149	10/2/92
M.P.	(51)	5,330,807	A	Williams	07/19/94	428	34.5	3/15/90
M.P.	(52)	5,332,049	A	Tew	07/26/94	175	320	9/29/92
M.P.	(53)	5,398,975	A	Simmons	03/21/95	285	93	3/17/92
M.P.	(54)	5,423,389	A	Warren et al	06/13/95	175	75	3/25/94
M.P.	(55)	5,439,323	A	Nance	08/08/95	405	195.1	7/9/93
M.P.	(56)	5,443,099	A	Chaussepied et al	08/22/95	138	109	11/4/93
M.P.	(57)	5,474,132	A	Gallagher	12/12/95	166	367	4/20/94
M.P.	(58)	5,507,346	A	Gano et al	04/16/96	166	285	1/20/95
M.P.	(59)	5,520,223	A	Iorio et al	05/28/96	138	140	6/20/94
M.P.	(60)	5,520,422	A	Friedrich et al	05/28/96	285	318	10/24/94
M.P.	(61)	5,581,248	A	Spillman, Jr. et al	12/03/96	340	870.31	6/12/93
M.P.	(62)	5,613,794	A	Isaac et al	03/25/97	403	265	8/12/94
M.P.	(63)	5,675,089	A	Hawkins	10/07/97	73	801	10/20/86
M.P.	(64)	5,771,975	A	Anderson et al	06/30/98	166	367	2/14/97
M.P.	(65)	5,814,999	A	Elie et al	09/29/98	324	662	5/27/97
M.P.	(66)	5,867,883	A	Iorio et al	02/09/99	29	460	7/21/97
M.P.	(67)	5,868,437	A	Teague	02/09/99	285	45	7/17/98
M.P.	(68)	5,908,049	A	Williams et al	06/01/99	138	125	11/17/97
M.P.	(69)	5,913,337	A	Williams et al	06/22/99	138	125	11/19/97
M.P.	(70)	5,916,672	A	Reeves et al	06/29/99	428	319.9	4/25/97
M.P.	(71)	5,921,285	A	Quigley et al	07/13/99	138	125	2/24/97
M.P.	(72)	5,944,099	A	Sas-Jaworsky	08/31/99	166	77.2	3/25/97
M.P.	(73)	5,944,124	A	Pomerieu et al	08/31/99	175	320	11/7/97
M.P.	(74)	5,979,288	A	Gallagher et al	11/09/99	87	36	5/10/98

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT



## Complete if Known

Application Number	10/675,118
Filing Date	September 30, 2003
Confirmation No.	6052
First Inventor	Mamdouh M. SALAMA
Group Art Unit	1772
Examiner Name	To Be Assigned <i>Yuse P. Hertz</i>
Attorney Docket No.	18326/04901

Sheet 3

of

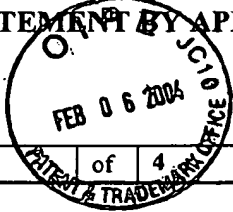
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## U.S. PATENT DOCUMENTS CONT'D

Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
<i>M.P.</i>	(75)	5,988,702	<i>A</i>	Sas-Jaworsky	11/23/99	285	249	<i>9/26/96</i>
<i>M.P.</i>	(76)	6,004,639	<i>A</i>	Quigley et al	12/21/99	428	36.3	<i>10/10/97</i>
<i>M.P.</i>	(77)	6,016,845	<i>A</i>	Quigley et al	01/25/00	138	125	<i>9/27/96</i>
<i>M.P.</i>	(78)	6,047,094	<i>A</i>	Kalamkarov et al	04/04/00	385	12	<i>6/2/98</i>
<i>M.P.</i>	(79)	6,048,428	<i>A</i>	Millward et al	04/11/00	156	190	<i>5/16/95</i>
<i>M.P.</i>	(80)	6,050,612	<i>A</i>	Wolterman	04/18/00	285	259	<i>9/30/97</i>
<i>M.P.</i>	(81)	6,109,834	<i>A</i>	Chitwood	08/29/00	405	223.1	<i>8/28/98</i>
<i>M.P.</i>	(82)	6,148,866	<i>A</i>	Quigley et al	11/21/00	138	125	<i>4/20/99</i>
<i>M.P.</i>	(83)	6,286,558 B1	<i>A</i>	Quigley et al	09/11/01	138	125	<i>6/20/00</i>
<i>M.P.</i>	(84)	6,357,485 B2	<i>A</i>	Quigley et al	03/19/02	138	125	<i>6/16/01</i>
<i>M.P.</i>	(85)	6,361,299 B1	<i>A</i>	Quigley et al	03/26/02	425	35.9	<i>11/2/99</i>
<i>M.P.</i>	(86)	6,405,762 B1	<i>A</i>	Bunch	06/18/02	138	109	<i>6/16/00</i>
<i>M.P.</i>	(87)	6,439,810 B1	<i>A</i>	Nish	08/27/02	405	224.2	<i>5/25/06</i>
<i>M.P.</i>	(88)	6,491,779 B1	<i>A</i>	Bryant	12/10/02	156	192	<i>4/24/00</i>
<i>M.P.</i>	(89)	US 2002/0014340 A1	<i>A</i>	Johnson	02/07/02	166	380	<i>8/3/01</i>
<i>M.P.</i>	(90)	US 2002/0157723 A1	<i>A</i>	Odru	10/31/02	138	135	<i>4/24/02</i>

## FOREIGN PATENT DOCUMENTS

<i>M.P.</i>	(91)	EP	0 266 810	B1	01/22/92		
<i>M.P.</i>	(92)	EP	0 312 023	A2	04/19/89		
<i>M.P.</i>	(93)	EP	0 511 138	B1	06/28/95	CLAIMS	
<i>M.P.</i>	(94)	EP	0 520 013	B1	01/21/98		
<i>M.P.</i>	(95)	EP	0 524 206	B1	05/19/99		
<i>M.P.</i>	(96)	EP	0 545 838	B1	09/13/95	CLAIMS	
<i>M.P.</i>	(97)	EP	0 575 428	B1	12/29/93		

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>			
				Application Number		10/675,118	
				Filing Date		September 30, 2003	
				Confirmation No.		6052	
				First Inventor		Mamdouh M. SALAMA	
				Group Art Unit		1772	
Examiner Name				To Be Assigned <i>Mar. Pottman</i>			
Sheet 4		of 4		Attorney Docket No.		18326/04901	
FOREIGN PATENT DOCUMENTS CONT'D							
Examiner Initials	OFFICE	NUMBER	CODE	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes      No		
<i>M.P.</i>	(98)	EP	1 067 324	A1	01/10/01	NO	
<i>M.P.</i>	(99)	EP	1 090 243	B1	08/14/02		
<i>M.P.</i>	(100)	WO	94/15135	A1	07/07/94		
<i>M.P.</i>	(101)	WO	96/12911	A1	05/02/96		
<i>M.P.</i>	(102)	WO	96/33361	A1	10/24/96		
<i>M.P.</i>	(103)	WO	98/36203	A1	08/20/98		
<i>M.P.</i>	(104)	WO	99/08033	A1	02/18/99		
<i>M.P.</i>	(105)	WO	99/17045	A1	04/08/99		
<i>M.P.</i>	(106)	WO	99/19653	A1	04/22/99		
<i>M.P.</i>	(107)	WO	99/67561	A1	12/29/99		
<i>M.P.</i>	(108)	UK	GB 2 161 568	A	01/15/86		
<i>M.P.</i>	(109)	UK	GB 2 258 899	A	02/24/99		
<i>M.P.</i>	(110)	DE	38 15 173	A1	11/09/89	NO	
<i>M.P.</i>	(111)	BE	786197		11/03/73	NO	
<i>M.P.</i>	(112)	CA	2,320,028	A1	03/22/01		
<i>M.P.</i>	(113)	JP	3-218978	A	09/26/91	NO	
<i>M.P.</i>	(114)	SU	1629676	A1	02/23/91	NO	
OTHER NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	OFFICE	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
<i>M.P.</i>	(115)	D. D. Baldwin et al, "Composite Production Riser Design", <i>Offshore Technology Conference</i> , May 1997, pgs. 1-8					
<i>M.P.</i>	(116)	M. M. Salama, "Design Consideration For Composite Drilling Riser", <i>Offshore Technology Conference</i> , May 1999, pgs. 1-11					
<i>M.P.</i>	(117)	M. M. Salama, "The First Offshore Field Installation For A Composite Riser Joint", <i>Offshore Technology Conference</i> , May 2002, pgs. 1-7					
<i>M.P.</i>	(118)	P. Saad et al, "Application Of Composites To Deepwater Top Tensioned Riser Systems", <i>ASME</i> , June 2002, pgs 1-7					
<i>M.P.</i>	(119)	M. M. Salama, "Composite Production Riser - Testing and Qualification", <i>Offshore Technology Conference, SPE Production &amp; Facilities</i> , August 1998, pgs. 170-177					
<i>M.P.</i>	(120)	M. M. Salama, "Composite Risers Are Ready For Field Applications - Status of Technology, Field Demonstration and Life Cycle Economics", <i>Offshore Technology Conference</i> , October 2001, pgs. 1-18					
<i>M.P.</i>	(121)	M. M. Salama, "Application and Remaining Challenges of Advanced Composites for Water Depth Sensitive Systems", <i>Offshore Technology Conference</i> , November 2000, 15 pgs					
Examiner Signature		<i>Mar. Pottman</i>			Date Considered		<i>8/8/05</i>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

Substitute for form 1449A/PTO

**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**Complete if Known**

Application Number	10/675,118
Confirmation No.	6052
Filing Date	September 30, 2003
First Inventor	Mamdouh M. SALAMA
Group Art Unit	1772
Examiner Name	To Be Assigned Marc P. Hender
Attorney Docket No.	18326/04901

of 1


**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
M.P.	(1)	4,755,076	A	Salama et al	07/05/88	403	275	10/25/96
M.P.	(2)	4,990,030	A	Salama et al	02/05/91	405	224	12/21/84
M.P.	(3)	5,018,583	A	Williams	05/28/91	166	385	3/15/90
M.P.	(4)	5,039,255	A	Salama	08/13/91	405	224	11/13/90
M.P.	(5)	5,042,600	A	Finnegan et al	08/27/91	175	323	3/23/90
M.P.	(6)	5,080,175	A	Williams	01/14/92	166	385	3/15/90
M.P.	(7)	5,092,713	A	Salama	03/03/92	405	224	11/13/90
M.P.	(8)	5,172,765	A	Sas-Jaworsky et al	12/22/92	166	384	12/3/91
M.P.	(9)	5,176,180	A	Williams et al	01/05/93	138	172	3/15/90
M.P.	(10)	5,209,136	A	Williams	05/11/93	74	502.5	6/9/92
M.P.	(11)	5,348,096	A	Williams	09/20/94	166	384	4/29/93
M.P.	(12)	5,363,929	A	Williams et al	11/15/94	175	107	7/1/92
M.P.	(13)	5,469,916	A	Sas-Jaworsky et al	11/28/95	166	64	3/17/94
M.P.	(14)	5,525,003	A	Williams et al	06/11/96	403	267	12/29/93
M.P.	(15)	6,230,955	B1	Parks	05/15/01	226	190	3/17/93
M.P.	(16)	6,264,244	B1	Isennock et al	07/24/01	285	55	4/29/98
M.P.	(17)	6,352,216	B1	Coats	03/05/02	242	608.4	2/11/00
M.P.	(18)	6,435,447	B1	Coats et al	08/20/02	242	483	2/24/00
M.P.	(19)	6,450,259	B1	Song et al	09/17/02	166	255.1	2/10/02
M.P.	(20)	6,454,014	B2	Coats et al	09/24/02	166	384	2/10/00
M.P.	(21)	6,460,796	B1	Berning et al	10/08/02	242	407.1	11/13/95

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
M.P.	(22)	C. A. Lundberg et al, "Advances in Manufacturing Technology for Spoolable Composite Tubing", CEAC, pgs. 289-302
Examiner Signature	Marc P. Hender	Date Considered 8/8/05

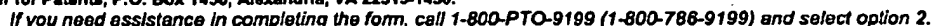
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

Substitute for form 1449A/PTO		Complete if Known	
<p align="center"><b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> 		Application Number	10/675,118
		Confirmation No.	6052
		Filing Date	September 30, 2003
		First Inventor	Mamdouh M. SALAMA
		Group Art Unit	1772
		Examiner Name	<del>To Be Assigned</del> Marc P. Petherm
		Attorney Docket No.	18326/04901
		Sheet 1 of 1	

[illegible]

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
Examiner Signature	<i>Marie Peterson</i>	Date Considered <i>8/8/05</i>

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Substitute for form 1449/PTO

**(Use as many sheets as necessary)**

**Complete if Known**

Application Number	10/675,118
Filing Date	September 30, 2003
First Named Inventor	Mamdouh M. SALAMA
Art Unit	1772
Examiner Name	Marc Pitterson
Attorney Docket Number	18326-04901

[illegible]

Examiner Signature	<i>Marie Potter</i>	Date Considered	<i>8/8/03</i>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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